



Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A micro-particle array analyzing system comprising:
a vessel holding ~~at least a plurality of magnetic micro-particle micro-~~
~~particles and at least a non-magnetic micro-particle~~, said vessel being arranged to
receive a sample therein; and

a plurality of magnet member magnetic members disposed outside of the
vessel for magnetically controlling a relative position of the magnetic ~~micro-particle~~
micro-particles with respect to the vessel,

~~wherein the magnetic micro-particle and non-magnetic micro-particle are~~
~~arranged in a given sequence within the vessel~~

wherein the plurality of magnetic members apply a magnetic field to each of
the magnetic micro-particles, and switch the application of the magnetic fields to
move the magnetic micro-particles within the vessel.

2. (currently amended) The micro-particle array analyzing system according
to ~~Claim 1~~Claim 19, wherein the vessel holds first and second magnetic micro-
particles, and each of the non-magnetic micro-particle micro-particles has a probe
immobilized to a surface thereof, and is sandwiched between the first and second
magnetic micro-particles.

3. (currently amended) The micro-particle array analyzing system according to ~~Claim 1~~Claim 19, wherein ~~a plurality of magnetic micro-particles are used and at least one of the magnetic micro-particles has a probe immobilized to a surface thereof.~~

4. (currently amended) The micro-particle array analyzing system according to Claim 2, further comprising:

a detector for detecting a bond between ~~the probe~~ one of the probes and ~~organism-related molecules~~ an organism-related molecule included in the sample; and

an analyzer for analyzing ~~results~~ a result of detection by the detector.

5. (currently amended) The micro-particle array analyzing system according to ~~Claim 1~~Claim 19, wherein the ~~magnet member is~~ magnetic members are movably provided outside of the vessel.

6. (currently amended) The micro-particle array analyzing system according to ~~Claim 1~~Claim 19, wherein the ~~magnet member is an electromagnet~~ magnetic members are electromagnets provided outside of the vessel, and the ~~electromagnet controls~~ electromagnets move the magnetic micro-particles by controlling capturing to the ~~electromagnet~~ electromagnets and dissociation from the ~~electromagnet~~ electromagnets of the magnetic micro-particle ~~depending on~~ micro-particles in accordance with a variation of a ~~the~~ magnetic field ~~to be~~ fields generated by the ~~electromagnet~~ electromagnets.

7. (currently amended) The micro-particle array analyzing system according to ~~Claim 4~~Claim 19, wherein the vessel has branched channels ~~inside~~, the magnetic ~~micro-particle or micro-particles and~~ the non-magnetic ~~micro-particle micro-particles~~ are each included in one of the branched channels, and at least one of the given magnetic micro-particle micro-particles or the given non-magnetic micro-particle are micro-particles is taken out from an opening end of a different one of other the branched channels than said one of the branched channels by the switching of the magnetic fields moving the magnetic micro-particles.

8. (currently amended) The micro-particle array analyzing system according to ~~Claim 4~~Claim 19, further comprising:

a transport mechanism for transporting particular molecules in a sample by collecting one of the magnetic micro-particle micro-particles or the non-magnetic micro-particle being taken out micro-particles from an opening end of the vessel to which the collected particle is moved by the switching of the magnetic fields; and
an electrophoresis apparatus connected to the transport mechanism.

9. (currently amended) The micro-particle array analyzing system according to ~~Claim 4~~Claim 19, further comprising:

a transport mechanism for transporting particular molecules in a sample by collecting one of the magnetic micro-particle micro-particles or the non-magnetic micro-particle being taken out micro-particles from an opening end of the vessel to which the collected particle is moved by the switching of the magnetic fields; and
a mass spectroscope connected to the transport mechanism.

10. (currently amended) A micro-particle array kit comprising:
a vessel holding ~~at least a~~ plurality of magnetic ~~micro-particle~~ micro-particles
and at least ~~a one~~ non-magnetic micro-particle;
a plurality of ~~magnet member~~ magnetic members disposed outside of the
vessel; and
a probe for binding to a particular molecule and being immobilized to any one
of positions inside the vessel,
wherein the magnetic ~~micro-particle~~ micro-particles and the at least one non-
magnetic micro-particle are arranged in a given sequence within the ~~vessel~~ vessel,
and
wherein the plurality of magnetic members apply a magnetic field to each of
the magnetic micro-particles, and switch the application of the magnetic fields to
move the magnetic micro-particles within the vessel.

11. (currently amended) The micro-particle array kit according to ~~Claim~~
~~40~~ Claim 20, wherein the probe is immobilized to one of the non-magnetic ~~micro-~~
~~particle~~ micro-particles.

12. (currently amended) The micro-particle array kit according to ~~Claim~~
~~40~~ Claim 20, wherein the probe is immobilized to one of the magnetic ~~micro-~~
~~particle~~ micro-particles.

13. (currently amended) The micro-particle array kit according to ~~Claim~~
~~40~~ Claim 20, wherein the vessel is a channel provided in any one of a capillary or a
substrate.

14. – 18. (canceled)

19. (new) The micro-particle array analyzing system according to claim 1, further comprising a plurality of non-magnetic micro-particles held by the vessel, wherein the magnetic micro-particles and non-magnetic micro-particles are arranged in a sequence within the vessel.

20. (new) The micro-particle array kit according to claim 10, further comprising a plurality of non-magnetic micro-particles held by the vessel.

21. (new) The micro-particle array analyzing system according to claim 1, further comprising a collecting vessel collecting one of the magnetic micro-particles moved by the switching of the magnetic fields.

22. (new) The micro-particle array kit according to claim 10, further comprising a collecting vessel collecting one of the magnetic micro-particles moved by the switching of the magnetic fields.